



Y-12 BULLETIN

A NEWSPAPER BY AND FOR EMPLOYEES OF CARBIDE AND CARBON CHEMICALS CORPORATION IN Y-12

Volume 2, No. 36

OAK RIDGE, TENNESSEE

Tuesday, September 7, 1948



Y-12 Photos By Vince Moore

THE Y-12 WOMEN'S TEAM ENTRY IN THE FIRST annual Inter-Plant First Aid Contest scheduled for September 18 at Blankenship Field are shown above practicing for the event. The team members from left to right kneeling are Kay Orton, Dept. B12A; Joyce Merry, Dept. A12P; Roberta McCutchen, Dept. H12D; Janet Cisar, Dept. H12D; and Mary Barnes, Dept. H12D. Mabel Tyer, Dept. B12A, is standing at left and the patient is Nazy Mae Carson, Dept. M13P.

10 First Aid Teams In Y-12 Drill In Preparation For Big Contest

With only 10 days remaining before the first annual Oak Ridge Inter-Plant First Aid Contest scheduled for 1 p.m., Saturday, September 18 at Blankenship Field, the 10 Y-12 teams entered in the event are practicing frequently in preparation for the event.

Twenty-five additional out-of-town judges and guests will be present for the meet bringing the total for visitors expected to 175.

C. H. Dodge, engineer in charge of the Bureau of Mines in Jellico, Tenn., will be the director of the contest. R. M. James is in charge of the 10 Y-12 teams entered.

The three Carbide plants, Oak Ridge National Laboratory, K-25, and Y-12 have entered a total of 36 teams for the meet.

Interviewers To Give Full Health Insurance Information

Since last week's article in The Y-12 Bulletin on the Oak Ridge Health Association, numerous requests have been received for additional information. Since most of these requests indicate a desire for detailed discussion on hospitalization plans, the following service will be offered to all employees effective Wednesday, September 8.

Employment interviewers will be stationed at convenient locations throughout the plant, and line supervision will arrange interviews for those interested in re-considering their decision to drop their membership in the Oak Ridge Health Association. The employment interviewers will furnish all information available to them, and where specific information is not at hand they will endeavor to obtain it.

Oak Ridge JCC Appoints Y-12er

Don Matlock, Y-12 employee in Dept. B12H, was appointed program and social chairman for the Oak Ridge Junior Chamber of Commerce at its regular meeting last Wednesday night, replacing John Harding, also a Y-12er, of Dept. H12E.

The Tennessee state Jaycee president, John McKinney, of Memphis, and the East Tennessee vice president, Ken Wilhoit, of Johnson City, were guest speakers at the Oak Ridge Jaycee meeting last week.

Thousands See Y-12 Atomic Energy Exhibit

Between 40,000 and 45,000 persons daily are visting the Carbide and Carbon Chemical Corporation atomic energy exhibit at the New York City Golden Anniversary Exposition in Grand Central Palace, according to John E. Harding, Dept. H12E, who was among the Y-12 representatives at the Carbide display to explain the electromagnetic separation method to crowds at the exposition.

How Process Is Demonstrated

Harding returned last Thursday from New York, leaving C. D. Susano, Dept. H12D, with the Y-12 display, which demonstrates the electromagnetic separation method by using balls representing Uranium 238 and Uranium 235 isotopes in the magnetic field of an electromagnetic. The lighter U235 balls are deflected more than the heavier U238 isotopes, thus demonstrating the basic principles of the process.

The Y-12 display was planned and developed by Leo F. Hemphill, Dept. A13W, who was at the exposition during its opening days. In addition to the Y-12 exhibit, the Carbide display includes a continuous motion picture of the Company's Oak Ridge installations, a model of the gaseous diffusion process used at K-25; photographic murals of the three plants, a dime irradiator for making dimes radioactive and a counter to detect radioactivity in luminous watch dials.

Exposition Closes September 19

The New York Golden Anniversary Exposition will continue through September 19 and Gordon Linder, of Dept. A13W in Y-12, will be on hand during the closing days of the show in charge of the Y-12 display. Representatives of the other two Oak Ridge Carbide plants also are on hand at the exposition with Joe A. Connors, of K-25, acting as coordinator for the entire Carbide display.

Carbide's exhibit in the exposition is but a part of the general atomic energy exhibit prepared by numerous industries, universities and government agencies in cooperation with the United States Atomic Energy Commission. Designed to make the development of atomic energy understandable to the average person, the exhibit has numerous audience participation units that add to the public interest.

Selective Service Listing Continues

Registration of Y-12 employees under the new selective service law will be resumed Tuesday in the Employment Office in the North Portal when men born in 1925 and now are 23 years old will be listed. Registration of this age group began last Friday.

Office Closed on Saturday

On Wednesday and Thursday men who were born in 1926 and who now are 22 years old will be registered while on Friday registration of 21-year-old men born in 1927 will begin. This group also will register on Saturday but the Y-12 registration office will not be open on that day and those who do not register at the plant Friday will be required to fill out the (Continued on Page 4)



EARLY MONDAY MORNING, AUGUST 30, A LINE OF 25-YEAR-OLD MEN FORMED IN the Y-12 Employment Office to register for selective service. In the picture above the first man in line to fill out the registration card is G. R. Paterson, Dept. H12D. Looking over his shoulder is G. W. Oliphant, Dept. A12W. Other registrants include A. M. Maples, Dept. A12N; T. P. Sprague, Dept. B12C; D. C. Wolfenbarger, Dept. A13T; B. Slover, Dept. A12S; W. L. Clifton, Dept. A12N; and H. Raper, Dept. A13T. In the right foreground with a sheet of instructions in his hand is Joe White, in charge of registration in Y-12 while Doris Moore, assisting in the work, is at the counter to the left.

Scoreboards Will Show Accident-Free Periods Achieved In Y-12 Work

In a move to make Y-12 employees more safety-conscious, not only for their own well-being but also to increase the efficiency of plant operations, the Safety Department has erected "scoreboards" at each of the three portals of the plant to show the periods between lost-time accidents here.

The scoreboards will be changed daily to show the time since the



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Y-12 Photos By Vince Moore

"WATCH THESE FIGURES GROW," says E. C. Cain, Y-12 Assistant Superintendent in charge of industrial relations, to W. S. D. Lavers, Assistant Superintendent in charge of engineering and production; and Y-12 Superintendent Dr. C. E. Larson as they look at the new scoreboard at the North Portal that will record the

last lost-time accident in the plant and the longest period of time the plant previously operated without

such a mishap. At press time of The Y-12 Bulletin last Friday the scoreboards showed that 10 days had elapsed since the last accident that caused an employee to lose time from work and that prior to this period the best record was 90 days without such an accident.

Group Insurance Plan Time Is Extended

Through the efforts of the Board of Trustees of the Mutual Benefit Association here in Y-12, in cooperation with the Insurance Department of Union Carbide and Carbon Corporation in New York, the Metropolitan Life Insurance Co. has agreed to reopen the enrollment privilege to those employees of Y-12 who did not apply for the Carbide Group Insurance within the period when insurance could be issued without a physical examination.

This privilege will be extended during the month of September, (Continued on Page 4)

Compliance With Rules Urged

Cooperation of every Y-12 employee in an effort to see that these figures continue to advance is urged by the Safety Department. It is pointed out that the Y-12 safety regulations have been drafted to cope with the particular work conditions existing in the plant and that compliance with these rules at all times will greatly reduce the chances of accidents and possible injury to employees and damage to equipment.

The Y-12 safety regulations are based on common sense and the experience of trained operators on various jobs. It has been demonstrated that the use of ordinary precautions and presence of mind in work can greatly reduce the accident rate on any type of job.

Immediate Treatment Required

However, if injuries are sustained by any Y-12 employee on the job, immediate compliance is urged with the safety regulations requiring the employee to go to the Dispensary at once for treatment. This is required, even if the injury appears to be of a minor character. In many cases, irritation of minor cuts, bruises or other type of injury will increase the seriousness of the injury. Infections may follow lack of treatment for cuts, and failure to have sprains and other injuries treated at once may lead to later serious consequences to the injured employee. Loss of time from work, pain and discomfort frequently result when a person neglects to seek immediate medical consultation following an injury.

MAKES NO DIFFERENCE

The life expectancy of physicians in the United States is approximately the same as that for the average American, despite their superior knowledge of medicine.

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Plant Absenteeism Shows Good Drop

The plant absentee average for the week ending August 29 dropped .4 per cent from the preceding week's report of 3.1 per cent.

The drop was credited to the reports given by seven departments in the Minor League reporting perfect attendance, and to three departments in the Major League reporting absenteeism of less than one per cent.

The seven departments in the Minor League reporting perfect attendance are Dept. A12J, Industrial Services; Dept. A13S, Tools; Dept. A15N, Laundry; Dept. M12S, Steam Plant; Dept. A12D, Dispensary; and Dept. A12T, Automotive Repair.

The Guard Department moved back into first place position again in the Major League, reporting an absentee mark of .4 per cent. They had dropped from first place into second place for the preceding week and are now back into the Major League's coveted position.

Second place in the Major League was copped by Dept. B13L, Assay Laboratory, reporting .8 per cent. They soared from the No. 10 slot on the preceding weeks' report. Dept. B12H, Refining, remained in third place again for the present reporting period with .9 per cent.

Second and third places in the Minor League were taken by Dept. A12M, Cafeteria, Canteens reporting .07 per cent, and Dept. A12L, Employment, with 2.4 per cent respectively.

The complete record of Y-12 absenteeism for the week ending on August 29 by departments follows:

MAJOR LEAGUE			
More than 50 Employees Scheduled			
Dept.	Percentage Absent	8-29-48	8-22-48
A12G	0.4	1	2
B13L	0.8	2	10
B12H	0.9	3	3
B12C	1.5	4	6
A13N	1.89	5	1
A14N	1.93	6	5
H12L	2.6	7	5
H12E	2.8	8	4
A17N	3.0	9	8
A16N	3.4	10	11
A12S	3.7	11	7
B12L	4.0	12	12
M12P	4.4	13	9
A12M	6.6	14	13
H12D	7.5	15	14

Group absentee percentage was 2.8 per cent, .6 per cent lower than the preceding week.

MINOR LEAGUE			
15-49 Employees Scheduled			
Dept.	Percentage Absent	8-29-48	8-22-48
A12J	0.0	1	1
A13S	0.0	1	1
A15N	0.0	1	3
A19N	0.0	1	5
M12S	0.0	1	6
A12D	0.0	1	7
A12T	0.0	1	11
A12R	1.7	2	9
A12L	2.4	3	4
A12A	2.6	4	15
A13T	2.66	5	12
A14J	2.71	6	2
B12A	3.1	7	8
A12W	3.5	8	10
A12N	3.96	9	1
A12P	4.00	10	13
M13P	4.9	11	1
B13C	5.9	12	1
A13W	7.2	13	14

Group absentee percentage was 2.5 per cent, .1 per cent higher than the preceding week.

The plant average for the week ending August 29, 1948, was 2.7 per cent, .4 per cent lower than the preceding week.

Sale Of Farm Buildings Slated

Approximately 175 farm buildings situated generally in the southwest portion of the Oak Ridge area will go on sale on September 17 as announced by the Atomic Energy Commission.

The structures to be sold as surplus property include farm houses, outhouses, barns, cribs, spring houses and sheds. The sale of the buildings will relieve the area of the eyesore of the unused structures.



Strictly Confidential..

J. M. Andranigian, Dept. H12D, is vacationing with his parents in California . . . J. D. Redman spent the holiday week end in Indiana . . . Bill Hoover spent the week end with his parents in Bell Buckle, Tenn. . . . Morris Fortenberry is spending his vacation in Kentucky and Michigan . . . Virginia Bowers has returned to work after a vacation in Florida during which she acquired a fine tan . . . H. House and his family are vacationing . . . The department sends get well quick wishes to George Westerdahl, who is on the sick list . . . C. P. Johnston has returned to work after a vacation . . . The department extends a welcome to new employees Marilyn Jeffers, Jeanne Rogers, Janet Cisar, Helen Grady, Elvira Kazlauskis and Sue Ivens.

G. A. Holt, Dept. A12W, and his family with some friends from New Jersey made a jaunt to Cumberland Falls, Tenn., recently . . . E. Q. McPheeter visited his family in Cleveland, Tenn., recently . . .

J. F. Morehead, Dept. B12L, returned recently from a vacation spent in Canada and Ohio . . . Sympathy is extended to Andrews Shritnansky whose brother died recently . . . Martha May visited friends in Sweetwater recently . . . Martha and Ed McComb are taking in the big town of Chicago during their vacation . . . Muriel Culbertson is back on the job after vacationing with relatives in Surgoinsville, Tenn. She also made a tour through the Smokies.

R. H. Sharp, Area Foreman in Dept. A12A, on the owl shift, has returned from his two weeks vacation. Accompanied by his wife and daughter, Sharp made a trip through Georgia and Alabama. He also visited relatives in his home town of Decatur, Ala. Take it from Sharp — there's plenty of cotton through that section this year.

Bill Cottrell, Dept. H12E, and his family, returned recently from a vacation spent visiting points of interest in New York and Maine . . . Foster Calloway is spending his vacation quietly in Oak Ridge . . . A. L. Boch and his family made a sojourn to Boston last week . . . C. B. Mills is back on the job after a quiet vacation in Oak Ridge . . . The department is sorry to hear of the illness of John Horton's wife, but are happy to hear she is improving rapidly.

Leon Love, Dept. H12L, and his wife, Catherine, Dept. B12L, are taking a Florida vacation with friends at St. Petersburg. On their return they intend to stop off at Meridian, Miss., and visit relatives . . . During his vacation Harold B. Green visited relatives in Nashville recently . . . The Ray Duckworths with Oliver Yonts and his wife, Eloise, Dept. A12P spent a recent week end in Chattanooga . . . H. E. Penland is back on the job after vacationing in Morristown . . . George Stukenbroeker with his father and sister of St. Charles, Mo., made a recent week-end tour through the Smokies and also took in Lookout Mountain.

Dept. A12N recently enjoyed another picnic at Concord Lake and reported it went over as big as the previous one — which the department thinks calls for another picnic together . . . George Tucker and his family are vacationing in St. Augustine, Fla. . . . F. W. Galloway is on the vacation list.

Bresnahan is back on the job after a restful vacation.

R. E. Mellon and W. G. Garrison, both of Dept. A13N, are back on the job after vacationing . . . T. E. Chaney visited in Lexington, Ky., and Huntsville, Ala., recently . . . Jimmie McLain and his wife are taking their young son, "Mickey" to Gadsden, Ala., for a visit with Mrs. McLain's parents.

J. D. Hayes, Dept. A12S, spent the holiday week end in Hazel, Ky. Lucia Padgett is back on the job after vacationing in South Carolina. B. B. Thornton was in Kingsport vacationing last week . . . The department welcomes W. L. McNabb and G. L. Unthank back on the job after an extended illness . . . J. L. Francis is visiting in Shelby and Wilmington, N.C. . . . Levold Duncan has returned from vacation . . . Happenings in Shipping and Receiving, Dept. A12S . . . Polly Arnold and her husband motored to Indianapolis, Ind., during the holiday week end . . . Pauline Lovely with her former shorthand class of Lake City spent the holiday week end in Gatlinburg . . . F. J. Sherrod spent most of his vacationing time last week umpiring softball games in Knoxville . . . A. V. Bible spent a recent week end in Morristown and returned to Oak Ridge sporting a shiny new black Dodge car.

Jane Uffleman, Dept. A12P, spent last week vacationing in Cataloochee Ranch, N.C. . . . Ruth Law attended a family reunion in Lenoir City over the holiday week end. Graham Rudolph spent Labor Day holidays visiting relatives in Franklin, Tenn., while her husband, O. B. visited in Paducah, Ky. with his mother, who returned with him to Oak Ridge for a visit.

Ethel Rose, and Lucy Murphy, Dept. M12P, were on vacation last week.

Dr. Ann W. Robinson, of Dispensary, Dept. A12D, flew to Minneapolis, Minn., over the week end where she joined her husband for a week vacation. The Robinsons plan to spend their time visiting points of interest in Minnesota and Ohio . . . Hazel Lane flew to Chicago over the week end, where she intends to spend her vacation sailing on Lake Michigan . . . Penny Keene, Dept. A12D, spent the holiday week end in Birmingham, Ala.

Winfred Ray, Dept. B12C, is vacationing in Gatlinburg . . . The department sends get well wishes to Emma Henry, who is still ill . . . W. E. Raby is vacationing in Byington, Tenn. . . . Carl M. Jones is calling on relatives and friends in Lienarts, Tenn.

Hospital List

The following Y-12 employees were patients in the Oak Ridge Hospital last week: Vernon O. Messenger, Dept. H12D; Maynard L. Lay, Dept. A13N; Ira J. Shotts, Dept. A12M; George A. Westerdahl, Dept. H12D; James W. Redmond, Dept. B13L; Claude C. Haws, Jr., Dept. H12L; Bruce A. Hick, Dept. A17N; Harry A. Keen, Dept. M12P; Corinne B. Pelcer, Dept. B12H.

The insurance man came to pay the sorrowing widow the \$25,000 claim. She looked sadly at the check, and, with a sob, she said, "I can't give \$1,000 to have him back."



SCHOOL DAYS! SCHOOL DAYS!—The Y-12 Bulletin visited Elm Grove School to get these pictures of Y-12 parents and their children on their first day of school. Karen Johnson, five-year-old daughter of Clyde A. Johnson, Dept. A12W, and standing in front of her mother, doesn't appear to be interested in the actions of Victor Strevel as he fits a box into a desk vise while his mother watches in Picture No. 1. Mrs. P. W. Rueff is probably telling her daughter Judy, 5, of the new worlds to conquer as she begins her first day of school in Picture No. 2. Rueff is in Dept. H12L. Leonard Higdon, Dept. M12P, stands with his daughter Bonnie, 5, awaiting their place in the registration line in Picture No. 3, which is being handled by Mrs. Hudson, wife of Ed Hudson, Dept. H12E. Mrs. W. H. Parker is registering her daughter, Pete, with Mrs. Hudson. Three-year-old Carol Ebert, daughter of J. W. Ebert, Dept. B12C, registers her disappointment in the doorway of the school at not being able to join her two sisters, Linda, 5, and Ann, 10, for classes in Picture No. 4. Standing from left to right with the children are Mrs. Matlock, school secretary and wife of O. D. Matlock, Dept. B12H, and Mrs. Ebert. Seated is Mrs. Olin Ford, music teacher. Phyllis Joyce Noe, 2, also wanted to come to school to see what it is going to be like someday and found her brother, C. H., Jr., hiding in a wall locker in Picture No. 5. They are the children of C. H. Noe, Dept. A17N.

Guest House Will Have 44 Extra Rooms

An addition of 44 rooms is planned for the Oak Ridge Guest House, principal hotel of the city, by the Atomic Energy Commission. Bids for the construction will be received until 2 p.m., Wednesday, September 29, and 180 days will be allowed for completion of the work.

Specifications for the structure call for a two-story building to be erected in the rear of the present hotel. The addition will be of reinforced concrete columns, girders and footings with walls of concrete block. The flooring will be of concrete slab with asphalt tile finish and the roof will be of concrete slab with four-ply roofing over insulation. All windows will have aluminum sash and frame.

The addition will provide 17,682 feet more room and supplement the present 62 rooms of the hotel.

Folk Dancing Club Begins Sessions

The Oak Ridge Beginners Folk Dancing Club started its sessions last Wednesday night, August 29, at Pine Valley School and is scheduled to meet every Wednesday night. Tomorrow night the club will meet at Pine Valley, and beginning September 8 the sessions will be held at Elm Grove. All Y-12 employees are invited to attend. Matt Wisnowski is the leader of the Group. Other Y-12 employees who are members of the club are Jack Jackson, Evelyn Brackney, Jean McPheeters, Lillian Howard, Georgia Moore, Naomi Smelter, Emma Russell and Charles Pigott.

Commodore Perry, hero of the Battle of Lake Erie, was born August 23, 1785.

Deliveries

Three births were reported to Y-12 families at the Oak Ridge Hospital last week. Parents were Mr. and Mrs. Nels K. Bernander, a son, August 28; Mr. and Mrs. Lewis P. Twichell, a son, and Mr. and Mrs. Benjamin W. Beckham, a son, August 29.

Oak Ridge Health Premiums Now Placed On Weekly Basis

Effective last Wednesday, September 1, payroll deductions for Oak Ridge Health Association insurance will be made on a weekly basis for all hourly and weekly salaried employees. Such deductions will be made to cover payment of premium for each week, beginning on the Monday following each pay day.

As hourly and weekly paid employees had paid their premiums through August 31, the pay checks distributed August 27 had deductions covering the period from September 1 through September 5 (93c for family rate and 41c for single rate.) Thereafter deductions are to be made at a rate of \$1.30 per week (family rate) and 57c per week (single rate.) These rates occasionally will be adjusted by a factor of one or two cents to compensate for fractional parts of a cent.

As August premiums for monthly salaried employees were not deducted from July paychecks, a double deduction of \$11.20 appeared on paychecks for monthly paid employees distributed August 26.

Niagara Fall's water power was first put to commercial use August 26, 1895.



Y-12 Photos By Vince Moore

CUTE, EH? THIS CHARMING mascot of the Bird Cagers, well known in plant softball circles, is Ann Tippy, daughter of R. R. Tippy, of Dept. A12M, member of the team. Ann, "go in" on 10 years old, was a faithful rooter for Pop's team in all games played during the season.

Second Nine At Ridge Course Opens Friday

The second nine holes of the Oak Ridge Golf and Country Club will be opened for play Friday, September 10, in time for the city tournament scheduled for September 11, 12 and 18, it has been announced by W. D. Lavers, of Y-12, president of the club. At conclusion of the tournament, the club has planned a Calcutta event for Sunday, September 19.

A number of Oak Ridge golfers, including several Y-12 players, have posted qualifying scores for the tournament and a large group was expected to list scores over the past week end.

Tommy Wright, former Y-12 employee and now a golf professional, set a course record for the first nine holes Monday, August 30, when he toured the layout in 35, which with a 36 gave him a total of 71 for 18 holes in the pro-amateur tournament held that day.

Y-12 Golf Ladder Tournament Play For Season Is Ended

Play in the Y-12 golf ladder tournament was concluded over the Labor Day week end with the affair declared a success in its aim to bring out all golfers in the plant for competition during the season.

As of last Thursday players who have played five or more matches include Keese with seven victories and one defeat, and Nessel and Martin with seven wins and two setbacks each. Players with less than five matches include Olson with four wins and no defeats, Cain with two wins and no losses and Caldwell with three wins against one setback.

The first ten players on the Y-12 golf ladder as of last Thursday were Shugart, Reynolds, Ludwig, Lavers, Cain, Bowles, Koontz, Barker, Duncan and Wanamaker. During the tournament play there were 36 players on the ladder.

Plans now are under way to organize an inter-plant golf league for play during the next few weeks.

Tag Football Team Captains Called To Meet Wednesday

Final plans for operation of a Y-12 touch football league will be laid at a meeting set for 3 o'clock Wednesday afternoon, September 8, at the Recreation Office, North Portal. All captains or team representatives are urged to attend this session.

It is proposed to start league play September 16. At least three teams are now in process of organizing and competition is expected to be keen.

Bowlers Of Y-12 Get Into Action Thursday Night

Timber-r-r-r!

It will be falling right and left Thursday night at the Grove and Jefferson bowling alleys when two of the three Y-12 plant leagues will swing into action. The B League will launch operations at 6 p.m. at the new Grove alleys while the C League will start rolling at 8:30 p.m. on the Jefferson hardwood.

The third loop, the D League, will begin pin toppling at 6 p.m. next Wednesday night, September 15, at the Central alleys.

Strength Well Distributed

During past seasons Y-12 has had an unusually large number of competent bowlers among its employees and this season the strength is well distributed among the 28 teams in the three leagues. The B League has 12 teams and the other two loops eight teams each.

Arnold Tiller, Y-12 Recreation Supervisor, is planning appropriate ceremonies for the opening of the season Thursday night.

Teams and Captains Listed

Teams and their captains in the three leagues follow:

B League—Maintenance, C. G. Hubbard; Comets, Don Ross; Head Pins, H. C. McBurney; Wolves, Frank Bragg; Cubs, C. Green; Rippers, Nelson Tibbatts; Bums, Ted Higgins; All Stars, Paul Petretsky; Ten Pins, Johnny Gordon; One-91, Bill Schultz; 8-12Ms, Roy Hale; and Woodpeckers, Nick Zabenko.

C League — Hooks, C. B. Gallo-way; Bldg. 9206, Frank Thurman; Knuckle Busters, H. T. Potter; Guards, Rick Sparks; Materializers, Frank Knox; Thin Pins, Bill Freels; Moles, John Schmitt; and Orphans, George Tucker.

D League — Termites, H. W. Savage; Scotties, W. L. Scott; Strikers, G. L. Stukenbroeker; Old Men, J. M. Schmidt; Overheads, Leo F. Hemphill; Splinters, G. W. Mitchell; Pin Busters, Nick Zabenko; and Wood Choppers, E. C. Witt.

Play On Handicap Basis

To insure even competition, the leagues will operate on a handicap basis that will give the weaker bowlers an even chance.

The league seasons will last from 26 to 28 weeks and at the end of the regular schedules a roll-off between the champions of each league will be held to determine the Y-12 champion for the year. In addition, a mid-season tournament will be held.

Women's Plant Bowling Loop Organizational Meeting Set

The Y-12 Recreation Office hopes to organize a women's plant bowling league at a meeting called for Wednesday afternoon at 3 o'clock in the Recreation Office, North Portal.

Captains or representatives of teams already formed are urged to attend the meeting to discuss plans for operating the league during the winter season. Individual women bowlers who are not members of any team at present also are urged to attend the meeting or telephone the Recreation Office, 7-8252, so that such bowlers can be placed on existing teams or new teams formed.

Heakin To Address Sportsmen's Club

The Oak Ridge Sportsmen's Club will hold its next regular meeting at the club house on Oak Ridge Turnpike west of the city limits at 7:30 o'clock Tuesday night, September 7. Evan Means, of Dept., A14N in Y-12, director of publicity and program for the club, has announced that a short business session will be followed by a talk by F. M. Heakin, Oak Ridge Boy Scout Commissioner.

Alexander Graham Bell, inventor of the telephone, died August 2, 1922.

S P O R T S

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Y-12 Photos By Vince Moore

HERE ARE THE Y-12 SPLASHERS THAT SWAM TO A TIE for first place in the Oak Ridge Swim Meet at the Atomic City pool Friday night, August 20. Left to right are Joe Preslar, Bill Cottrell and Frank Gordon, all of Dept. H12E; Bob Ellingson, Dept. B12H; David Lane, Dept. A17N; and Fred Boody, Dept. H12L.

Y-12 Swim Team Shares First Place In City Pool Competition

Scoring 14 points, the Y-12 swimming team splashed to a tie for first place in the Oak Ridge Swim Meet held at the municipal pool Friday night, August 20. The Oak Ridge Hospital's one-man team of Dr. John P. Crews shared top spot with the Y-12ers.

In the junior girl's class, Joanne Hamrick, daughter of Paschal Hamrick, Dept. A12L, scored 11 points with a first and two second places. She took second in the 25 and 50 meter free style events and first in the 25 meter back stroke.

Joe Preslar, of Y-12, was third in the 25 meter free style. Bill Cottrell, Bob Ellingson, David Lane and Fred Boody, all of Y-12, also-ran. Lane won the 25 meter back stroke and Frank Gordon, another Y-12er, was third. Lane also was third in the 50 meter free style. Preslar won the 50 meter breast stroke with Gordon third.

The Y-12 relay team of Cottrell, Ellingson, Gordon and Preslar finished third but only first place in this event counted in scoring.

The Y-12 team was organized on short notice and members of the squad hope that if the city meet is held again next year that more candidates will turn out to compete for places on the team.

HAY FEVER AID REPORTED

Dr. John Peters, writing in the Illinois Medical Journal recently, reports that clinical tests of the new drug, theophorin, have shown it 90 per cent effective in treating hay fever and other allergic conditions. Good results were obtained in 129 of 142 allergy cases and the drug was reported as producing good results in 97 per cent of 68 cases treated.

Y-12 Golf Team Finishes Second In Tee Tourney

The Oak Ridge National Lab golfers captured the much treasured golf trophy, recently received by Y-12 a year late as last year tourney winners, in the inter-company championship match played August 28 at Oak Ridge golf course.

ORNL scored a low 118½ points to edge the Y-12ers, tallying 128. K-25 finished a close third with 129½, followed by AEC with 219½ and Roane-Anderson trailing with 224½.

Carter of K-25 was the tourney's low medalist with an 81, followed by Y-12's Shugart with an 84. Vincens of Y-12 shot an 86 and landed in fourth place.

The trophy will remain in ORNL's possession until they defend it in the 1949 tourney. Had Y-12 won the event this year and next, the coveted award would have remained in the plant trophy case permanently.

Other Y-12ers on the plant team and their scores include Reynolds, 89; Lavers, 94; Bowles, 95; Cain, 99; Duncan, 100; and Wanamaker, 104.

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Y-12 Photos By Vince Moore

THE ALL STARS OF THE CARBIDE LEAGUE in the plant softball loop are pictured above just before their engagement with the Bird Cagers in the intra-plant tournament. Standing from left to right are Bill Davis, Paul Petretzky, John Schmitt, Ted Higgins, Rudy Pletz, George Peterson, Frank Scheitlin, Joe Tilson, and Roy Williams. Shown kneeling from left to right are Bob Bennett and Warren Grimes. Team members absent when the above picture was made were George Marrow, Paul Griffin, and Dewey Lee. Coach Lew Williams was also absent.

Firemen, Guards Clash In Finals Of Tournament

The Fire Department and the Cards battled their way into the finals of the Y-12 plant softball tournament last Friday night.

One surprise after another was registered during the tourney. Maintenance lost their first two games and the Calutrons waded into the quarter-finals where they lost to the Bird Cagers 6 to 4.

The Cals lost their game in the upper bracket to the Firemen on August 27 by a 9 to 3 tally. Ross started on the mound and was relieved by Oliphant for the Cals. Webb hurled for the winners and Emmett Moore caught.

Guards Blank Firemen

The Guards laid it on the Firemen on August 31 with "Lefty" Christopher hurling a no-hitter that trounced the fire-fighters 6 to 0. Christopher whiffed his usual 12 men. Webb, tossing for the losers, fanned nine of the victors. Emmett Moore, Fire Department catcher, was on his vacation when this game was played, which might account for the lopsided victory.

Cagers Top Isotopes

On the same night the Bird Cagers edged the Isotopes 8 to 6. Ed Sise was the winning pitcher and was opposed on the mound by Killian. Tippy was the leading hitter for the winners with two singles and a homer. Price, also a Cager, walloped a homer.

The Cagers later won over the Calutrons but were defeated by the Fire Department, 3 to 2, in the semi-finals.

Ross Hurls Cals to Win

Don Ross hurled for the Calutrons in their second victory over the Wolves in the tourney, and he piled up the most hits for his club with three singles and a walk out of four trips to the plate.

The Guards blanked the Isotopes 7 to 0 on August 27 allowing but four hits. The Bird Cagers topped the Dreamers 14 to 3 on the same night with Ed Sise on the mound. He brought in four runs with a well hit home run.

Ed Hit Stars Again

The All Stars were eliminated from the tourney by the Bird Cagers on August 30. Sise again tossed for his club and notched up the most hits with two singles out of three trips to the plate.

The Wolves won their second game in the tournament by edging Bldg. 9212 on the same night 3 to 1. J. Roberts tossed for the Wolves and Mustin hurled for the losers. Babb lambasted a homer for the winners and his teammate, Ward, turned in two singles.

Anecdote!

The Guards lost a game to the Bums 7 to 3 last week but it wasn't in tournament play and Christopher wasn't on the mound. The practice game was played as a warm-up for the Guards before their encounter with the Firemen, but as the score indicates, the Guards were cooled off.

Line scores of tournament games through last Thursday follow:

Team	R	H	E
Guards	0 0 1	0 2 0	3-6 7 1
Fire Dept.	0 0 0	0 0 0	0-0 0 3
Calutrons	0 0 0	1 2 5	0-8 9 0
Wolves	0 2 0	0 1 3	0-6 11 2
Bird Cagers	1 0 0	4 0 0	3-8 11 4
Isotopes	0 0 0	1 4 1	0-6 5 0
Guards	3 0 0	2 0 2	0-7 12 2
Isotopes	0 0 0	0 0 0	0-0 4 2
Bird Cagers	2 1 1	4 0 2	4-14 6 3
Dreamers	0 0 0	0 0 3	0-3 7 8
Fire Dept.	3 0 1	2 0 3	x-9 11 2
Calutrons	0 2 0	0 0 0	1-3 3 5
Bird Cagers	0 0 1	0 0 2	1-4 9 0
All Stars	2 0 1	0 0 0	0-3 7 0
Wolves	0 0 0	0 1 2	0-3 7 1
Bldg. 9212	0 1 0	0 0 0	0-1 5 1
Fire Dept.	0 0 0	0 1 0	0-3 7 1
Bird Cagers	1 0 0	0 0 0	1-2 4 1

JUST IN CASE

Swedish officials in Stockholm acquired the loan of two small elephants, each weighing about a ton, from a circus there and loaded them aboard a DC-3 plane. Then they unloaded them after checking the amount of space occupied by the beasts just in case someone desired to ship elephants by air in the future.

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Selective Service Listing Continues

(Continued from Page 1)
blanks either at the main Oak Ridge registration office at the Ridge Recreation Hall or at their home draft boards if the registrant is not an Oak Ridge resident.

Next Monday and Tuesday, September 13 and 14, will see the 20-year-old group visiting the registration offices to be followed by the 19-year-old men Wednesday and Thursday, September 15 and 16.

The final group to register will be youths born in 1930 before September 19 and who now are 18 years old. Registration of this youngest group will begin Friday, September 17, and continue Saturday at registration offices elsewhere than the Y-12 plant, which will be closed again.

Ridge Offices Close September 18

All of the Oak Ridge registration places will conclude their listings Saturday, September 18. Thereafter registration by young men reaching the age of 18 will be taken at their home county draft boards. For Oak Ridge residents this means the registrants will go to the Anderson County Draft Board at Clinton.

Y-12 employees who wish to register while at work will be allowed time off from work for this purpose and will make arrangements with their supervisors to visit the registration office. Compliance with the schedule of registration is urged by Joe White, in charge of the Y-12 registration, to avoid confusion for all concerned.

All registrants are urged to bring identification with them when they register. This particularly applies to veterans who are urged to bring proof of military service and also for members of the National Guard or Organized Reserve.

What Information Sought

Registrants will be asked to give their name, place of residence and mailing address, name and address of person who will always know where the registrant is, date and place of birth, occupation, by whom employed, nature of business and place of employment, where registered (if at all) for the World War II draft, whether rejected by the armed forces and if so, when, if on active service during World War II and if a member of the National Guard or Organized Reserve.

During the first week of registration for selective service in Y-12, 117 men were listed at the plant registration office. This included men in the age group from 23 through 25 years old and the registrations went off smoothly. The first man to register last Monday morning was G. R. Peterson, of Dept. H12D.

Most of the registrants during the first week were veterans of World War II.

The first official messages exchanged by Trans-Atlantic cable were dispatched on August 16, 1858, between President Buchanan and Queen Victoria.

Robert Fulton's steamboat, the Clermont, made its first trip between New York City and Albany August 17, 1807.

Additions To Y-12 Technical Library

SOCIAL SCIENCE

HD 8039.B89 — Reigeluth, Ray, J., "Safety and Economy in Heavy Construction." First edition. N. Y., McGraw-Hill, 1933. 237 pages.

MATHEMATICS

QA 90 — Douglass and Adams, "Elements of Nomography." First edition. N.Y., McGraw-Hill, 1947. 209 pages.

QA 90 — Levens, A.S., "Nomography." N.Y., Wiley and Sons, 1948. 176 pages.

PHYSICS

QC 173 — Rosenfeld, L., "Nuclear Forces." N.Y., Interscience, 1948. 181 pages.

QC 173.1 — Berthelot, Andre, "De l'Atome a l'Energie Nucleaire." Paris, Editions Correa, 1947. 235 pages.

QC 173.1 — Herzberg, Gerhard, "Molecular Spectra and Molecular Structure. Part II. Infrared and Raman Spectra of Polyatomic Molecules." N. Y., Van Nostrand, 1945. 632 pages.

QC 173.1 — Wu, Ta-You, "Vibrational Spectra and Structure of Polyatomic Molecules." Second Edition. Michigan, J. W. Edwards, 1946. 363 pages.

QC 711 — Healey, R. H., "The Behaviour of Slow Electrons in Gases." Sydney, Amalgamated Wireless, 1941. 179 pages.

QC 711 — Thomson and Thomson, "Conduction of Electricity Through Gases." Vol. II. "Ionization by Collision and the Gaseous Discharge." Third edition. Cambridge, University Press, 1933. 608 pages.

CHEMISTRY

QD 63S.6 — Bickerman, J. J., "Surface Chemistry for Industrial Research." N. Y., Academic Press, Inc., 1948. 464 pages.

QD 95 — Harvey, C. E., "A Method of Semi-quantitative Spectrographic Analysis." California, Applied Research Laboratories, 1947. 285 pages.

QD 305.A2 — Ralston, A. W., "Fatty Acids and their Derivatives." N.Y., Wiley and Sons, 1948. 896 pages.

QD 411 — Krause, Erich, "Die Chemie der Metall-Organischen Verbindungen." Berlin, Verlag von Gebruder Borntraeger, 1937. 926 pages.

TECHNOLOGY

T 9 Ref. — Zimmerman, O. T., "Scientific and Technical Abbreviations, Signs and Symbols." Dover, Industrial Research Service, 1948. 476 pages.

TH 7419 — Shoemaker, Richard Woolsey, "Radiant Heating." First edition. N.Y., McGraw-Hill, 1948. 306 pages.

TK 6565.S5 — Laurer, Lesnick and Matson, "Servomechanism Fundamentals." First edition. N. Y., McGraw-Hill, 277 pages.

TN 673 — Harrington, R. H., "The Modern Metallurgy of Alloys." N. Y., Wiley and Sons, 1948. 209 pages.

TP 822 — Rosenthal, Ing. Ernst, "Porcelain and other Ceramic Insulating Materials." Vol. I. London, Chapman and Hall, 1944. 286 pages.

The first automobile to cross the North American continent arrived in New York from San Francisco August 31, 1903, after a journey of 52 days.

Adult Education Week Set September 13-18

Adult Education Week will be observed in Oak Ridge from September 13 through 18 to acquaint the older group of residents with the many opportunities of the Adult Education Program.

Program Set September 14

Informant broadcasts will be conducted throughout the week over radio station WATO advertising the program. A special introductory program is scheduled for the public on Tuesday night, September 14, in the Oak Ridge High School auditorium.

Registration for the fall term of the University of Tennessee extension courses, beginning September 29, will be on September 15, 16, 17, and 18 at the high school.

Class Schedules Changed

There will be a complete change of the class schedules for the fall quarter and those desiring to schedule as many as four classes a week may easily do so if they are three-hour courses. Classes will be held on Monday through Thursday nights.

Certificate courses will be offered to anyone. There are no prerequisite educational requirements for these courses.

Group Insurance Plan Time Is Extended

(Continued from Page 1)
1948, under the following conditions:

1. The employees eligible to subscribe during this period are all who have been employed more than 31 days after having completed three months of Company Service and who did not elect to apply for Group Insurance when they were previously eligible.

2. No physical examination will be required.

Y-12 Membership Is Large

It is the intention of the Company that as many employees as possible be given the benefits of the Carbide Group Insurance Plan and those not participating are urged to take advantage of this opportunity. In fact, a large percentage of Y-12 employees subscribed to the Group Insurance Plan when it first was made available here.

Applications for membership in the Group Insurance Plan and complete information concerning the plan may be obtained from the Y-12 Insurance Office in the Dispensary.

Numbered Babies Is Montana Plan

From now on Junior may be known as Little 50,555 in Montana, where each baby born will be assigned a serial number for the rest of his life.

The same number will be used for social security, police identification, military identification, and all other identification purposes. L. I. Benepe, state registrar of vital statistics, says that all states will use the same plan eventually.

On August 3, 1830, the Welland Canal, connecting Lake Erie and Lake Ontario, was completed.



Y-12 Photos By Vince Moore

HANDSOME MOMENTOS OF THEIR SERVICE ON Y-12
varsity athletic teams are proudly displayed by four recipients of the jackets presented by the Company to 59 men and women employees who represented the plant in competition against outside opponents. Among the first to receive the nifty garments are, left to right, Richard Dew, varsity softball team; Helen Brown, women's softball team; L. C. Martin, baseball; and Marian Brown, women's softball. In addition to these teams, members of the men's and women's tennis teams also received jackets.

Camera Club Print Entries Must Be In By Tonight

Deadline for entering prints in the contest to be staged by the Carbide Camera Club at its next meeting, Tuesday, September 14, is tonight, it is pointed out by Foster Calloway, of Y-12, president of the club. The subject of the black and white print competition will be landscapes or scenic views.

The contest will be the feature of the September club meeting, scheduled to start at 7:30 p.m. in the club headquarters in the Y-12 East Portal. In addition to the contest a lecture prepared by the Eastman Kodak Co. will be read at the meeting.

The print contest entries may be left at Taylor's Photo Shop or at the home of Virgil Haynes, 114 East Holston Drive.

PREFER WIVES TO KP

Six hundred young men, whose average age was 22, formed a line at the marriage license window in Brooklyn in less than 24 hours after a statement released from President Truman announcing that married men would be exempt from the ensuing peacetime draft.

Research Seminar Schedule Sets No Meeting This Week

Under a revised schedule of the Y-12 seminar on research techniques, announced last week, no session will be held tomorrow, September 8. However, the seminar meetings will be resumed on Wednesday, September 22, at 3 p.m. in the west end of the Y-12 cafeteria when Dr. A. S. Householder, of the Oak Ridge National Laboratory, will lead the first of four sessions on the topic of Curve Fitting.

Dr. Householder will speak at the same time and place October 6, October 20 and November 3. He will be followed on the seminar program by C. D. Susano, of the Y-12 Research and Development Division, who will lead four sessions on the subject of Nomographs. Susano will speak November 17, December 1, December 15 and December 29.

V-J Day, marking the end of hostilities with Japan and the end of World War II occurred on August 14, 1945.

Security Protective System Is Compared To Old British Hollow Square; Guarding Against Loose Talk Declared Most Vital

If all Y-12 employees stop for a moment to analyze the terrific problem presented by protecting secret information vital to the atomic energy program, they might more clearly realize their responsibility in enforcing the plant security program and more cooperative with regulations.

Let us suppose that you have a secret and that you lock it away in a room in your home. How can that secret be uncovered? Obviously, someone can break in and steal it or part of it.

An easier way to bare the secret is for the intruder to look at it. You can help this observer by writing reports about your secret and by leaving the reports where they can be either studied or stolen. Of course, the secret ceases to

be such when you yourself reveal it.

Strong walls, complicated locks and trustworthy guards furnish protection against theft or intrusion, as at the Fort Knox Depository, but any secret is more elusive than gold or silver and our secrets are more valuable. How can we safeguard those secrets?

Our protective system can be likened to the old British hollow square, which was a popular and effective infantry tactic, since it presented four fronts to the enemy. If we diagram our security hollow square, we find that each side faces one of the four security threats, (1) foreign agents, (2) stolen equipment, (3) stolen reports and (4) loose talk.

The first line of defense is com-

plete bulwark against all four attacks. The government agencies investigate prospective employees and visitors, clear those who pass such scrutiny, check to see what is said later by these employees and aggressively engage in counter-espionage.

The second line of defense is composed of the Y-12 plant guards. The identification badge and pass check, the badge exchange system, the material control system, cover three sides, but they cannot prevent loose talk. The challenge system in which we should all take part is an additional inner defense, but again it is useless against loose talk. Locked buildings and safes prove themselves protection against theft, but although they protect the innermost secret, they

posed of our government agencies, the FBI and the AEC and it is a fail against loose talk.

You alone are the effective barrier on the fourth side of the se-

curity square. Your integrity, eternal vigilance and alertness in the final analysis, furnish the effective protection for our secrets.

